

**SYLLABUS**  
**CLASS – X**  
**SESSION – 2020-21**

**General Guidelines For Conducting Online Classes And Continuous Learning Plan For Students**

As the whole nation is in the grip of COVID-19 and the school could not function physically for the current session as of now, the school started conducting online classes as per the guidelines of the Government and the Education Department.

The school has curtailed the syllabus for classes I to VIII to 75%. The syllabus has been reduced after careful deliberation and every effort has been made not to compromise on the learning capabilities of the students during the times when face to face interaction with the students is not feasible. The school formulated a learning plan so that the final outcome of the learning is met. The syllabus for classes IX to XII has been reduced by CBSE and the teaching is being conducted on the given guidelines.

The following guidelines are being observed by the teachers for conducting the online classes and to meet the desired learning outcomes:

- The teachers are required to prepare learning plans for their grades/subjects/learners.
- The weekly lesson plan must include the topic to be covered, the learning outcomes of the concerned topics and a note of sources / resources used for teaching. (textbooks, chapters, e-resources, web links, etc)
- The WhatsApp groups for different classes and for different subjects have been formed.
- The students are asked to go through a particular portion of the chapter one day prior and the teacher teaches the given topic next day so that the concepts become clear to the students in a better way.
- Teachers ask the students to highlight the important points during the discussion/ teaching.
- Students are also provided with the related links and are asked to refer to that.
- Regular assignments are being given to the students on the completion of the topic / chapter. The assignments should include Multiple Choice Questions /short Answer Type Questions / Long Answer Questions / Activity Based Questions / Open Book Questions.
- The teachers are required to constantly contact the parents in case the child does not respond well in studies or is irregular in attending classes.
- In case Internet is not available at a student's home, then those students are telephonically suggested to be in touch with other students and the teacher to keep updated regarding the topics covered and are encouraged to do self study.
- The teachers to make sure that the work / activity has been conducted and submitted within the timeline.
- At the upper primary stage, the teachers encourage learners for self study, readings, and learning by doing with available resources at home under the supervision of parents.
- An emphasis must be given to involve the students in creative activities specially in primary classes so that students' involvement gets the priority and learning takes place in an interactive manner.

**SUBJECT – ENGLISH LANGUAGE AND LITERATURE  
CLASS – X**

<b>MONTH</b>	<b>FIRST FLIGHT BOOK</b>	<b>FOOTSTEPS WITHOUT FEET SUPPLEMENTARY READER</b>	<b>CREATIVE WRITING / WORK BOOK</b>
APRIL	L-1 Letter to God L-2 Nelson Mandela Poems – Dust of Snow Fire and Ice	L-1 A triumph of Surgery L-2 The thief's story	Formal Letter / L-1 & 2
MAY	L-3 Two stories about flying L-4 From the diary of Anne Frank Poems – Tiger in the zoo Ball poem	L-5 Footprints without feet	Informal Letter / L-3 & 4
JUNE	<b>SUMMER BREAK</b>		
JULY	L-5 The hundred dresses I L-6 The hundred dresses II Poem – Amanda	L-6 The making of a Scientist	Report & Article writing / L-5 & 6
AUGUST	L-7 Glimpses of India Poem – Animals	L-7 The Necklace	Speech & Writing / L-7
SEPTEMBER	L-9 Madam rides the Bus Term – I Exam	L-8 The Hack Driver	Paragraph Writing / L-9
OCTOBER	Poem – The tale of Custard the dragon L-10 The Sermons at Benaras	L-9 Bholi	Story writing / L-10
NOVEMBER	L-11 The Proposal	---	Practice of full year creative writing work
DECEMBER	<b>REVISION &amp; FIRST PREBOARDS</b>		
JANUARY	<b>REVISION &amp; SECOND PREBOARDS</b>		
FEBRUARY	<b>PREPARATION OF BOARD EXAMS</b>		
MARCH	<b>BOARD EXAMS</b>		

**LEARNING OUTCOME** – The main aim of English language teaching is to develop listening, speaking, reading and writing skill amongst the students.

- This year books give very inspirational knowledge from which children get to know more about the great personalities like Nelson Mandela, Anne Frank.
- Students are able to appreciate the beauty of poems written by renowned poets. They get deeper introspect into the rich literature of both India & abroad and are benefitted by its

indepth message conveyed.

## विषय हिंदी कक्षा दस

माह	शीर्षक		
	स्पर्श	संचयन	व्याकरण व लेखन
अप्रैल	<ul style="list-style-type: none"><li>● बड़े भाई साहब</li><li>● साखी</li></ul>	-----	<ul style="list-style-type: none"><li>● वाक्य रूपांतरण</li><li>● विज्ञापन</li><li>● पत्र लेखन (औपचारिक)</li></ul>
मई	<ul style="list-style-type: none"><li>● पर्वत प्रदेश में पावस</li><li>● ततौरा वामीरो कथा</li><li>● मीरा के पद</li></ul>	-----	<ul style="list-style-type: none"><li>● समास</li><li>● मुहावरे</li></ul>
जुलाई	<ul style="list-style-type: none"><li>● मनुष्यता</li></ul>	<ul style="list-style-type: none"><li>● हरिहर काका</li></ul>	<ul style="list-style-type: none"><li>● अनुच्छेद लेखन</li></ul>
अगस्त	<ul style="list-style-type: none"><li>● अब कहाँ दूसरों के दुख में दुखी होने वाले</li><li>● पतझर में टूटी पत्तियाँ (ज्ञेन की देन)</li></ul>	-----	<ul style="list-style-type: none"><li>● लघु कथा लेखन</li><li>● पदबंध</li><li>● सूचना लेखन</li></ul>
सितंबर	अर्द्ध वार्षिक परीक्षाएँ	-----	-----
अक्टूबर	<ul style="list-style-type: none"><li>● कर चले हम फिदा</li></ul>	<ul style="list-style-type: none"><li>● सपनों के से दिन,</li></ul>	-----
नवंबर	<ul style="list-style-type: none"><li>● कारतूस</li></ul>	<ul style="list-style-type: none"><li>● टोपी शुक्ला</li></ul>	-----
दिसंबर	पुनरावृत्ति	-----	-----
जनवरी	पुनरावृत्ति	-----	-----
फरवरी	पुनरावृत्ति	-----	-----
मार्च	वार्षिक परीक्षाएँ	-----	-----

**Learning outcomes : -**

हिंदी भाषा विषय का ज्ञान प्राप्त करके छात्र विभिन्न नैतिक मूल्यों से परिचित होंगे तथा उन मूल्यों को आत्मसात भी कर सकेंगे।

छात्र लेखन व पठन में परिणत हो सकेंगे तथा विभिन्न प्रकार की कविताओं के भाव को समझ सकेंगे।

वर्तनी में होने वाली विभिन्न प्रकार की त्रुटियों को जानकर उन्हें सही कर सकेंगे।

विभिन्न कवियों व लेखकों के जीवन से परिचित होंगे।

भक्तिकाल और आधुनिक काल के भेद को समझ सकेंगे।

**SUBJECT-MATHS****CLASS-X**

<b>MONTH</b>	<b>CHAPTER/TOPIC</b>
APRIL	(CH-1) Real Number & (CH-2) Polynomial & (CH-15) Probability
MAY	(CH-5) AP & (CH-7) Coordinate & (CH-3) Pair of Linear Equation in Two Variables
JUNE	-
JULY	(CH-4) Quadratic Equation & (CH-8) Trigonometry
AUGUST	(CH-9) Heights and Distance
SEPTEMBER	(CH-10) Circles & (CH-11) Construction
OCTOBER	(CH-12) Area Related to Circles & (CH-13) Surface Area and Volume
NOVEMBER	(CH-6) Triangles & (CH-14) Statistics
DECEMBER	Revision
JANUARY	Revision
FEBRUARY	Revision
MARCH	Boards

**Learning Outcomes: -**

The students will be able to solve the problems related to the Polynomials and using the Theory, Concepts and Formulas they will be able to solve the familiar and unfamiliar problems of the maths, they will be able to apply the concept of Triangles, Trigonometry, Circles in day to day life. They will be able to apply the knowledge and skills acquired to solve the problems wherever possible in more than one method.

**SUBJECT- SCIENCE**

## CLASS X

### PHYSICS

MONTH	CHAPTER/TOPIC
APRIL	Chap.12 : Electricity
MAY	Chap.12 : Electricity
JUNE	Chap. 14: Sources of Energy
JULY	Chap. 10: Light : Reflection
AUGUST	Chap. 10 : Light : Refraction
SEPTEMBER	Chap. 11 : Human Eye
OCTOBER	Chap. 13 : Magnetic Effect of Current
NOVEMBER	Revision
DECEMBER	Revision
JANUARY	Revision
FEBRUARY	Revision
MARCH	Exam

**Learning outcomes-** Knowledge, Application, Comprehension and Analysis

### CHEMISTRY

MONTH	CHAPTER/TOPIC
APRIL	Chap.1 : Chemical Reactions and Equations
MAY	Chap.1 : Chemical Reactions and Equations
JULY	Chap. 2: Acids and Bases
AUGUST	Chap.3: Metals and Non metals
SEPTEMBER	Chap.4 : Carbon and its Compounds
OCTOBER	Chap .5: Periodic Properties of Elements
NOVEMBER	Revision
DECEMBER	Revision
JANUARY	Revision
FEBRUARY	Revision
MARCH	Exams

**Learning outcomes-** Knowledge, Application, Comprehension and Analysis

### BIOLOGY

MONTH	CHAPTER/ TOPIC
APRIL	Chap.6: Life processes (Nutrition , Respiration)
MAY	Chap.6: Life processes ( Transportation, Excretion)
JULY	Chap.8: How do organisms reproduce?
AUGUST	Chap.9: Heredity

SEPTEMBER	Chap.15: Our environment
OCTOBER	Chap.16: Sustainable management of natural resources
NOVEMBER	Chap.16: Sustainable management of natural resources
DECEMBER	Revision
JANUARY	Revision
FEBRUARY	Revision
MARCH	Exams

**Learning Outcomes** – Students will be able to understand the different processes of life. They will be able to have the knowledge of our ecosystem, natural resources etc and will be able to apply it in daily life for their conservation.

### SYLLABUS SOCIAL SCIENCE

#### CLASS : X

MONTH	CHAPTER/TOPIC
APRIL	<b>GEOGRAPHY</b> CHAPTER-1 RESOURCES AND DEVELOPMENT CHAPTER-2 FOREST AND WILD LIFE (P.T) <b>ECONOMICS</b> CHAPTER-1 DEVELOPMENT <b>POLITICAL SCIENCE</b> CHAPTER-1 POWER SHARING
MAY	<b>GEOGRAPHY</b> CHAPTER-3 WATER RESOURCES(P.T) MAPWORK CHAPTER-4 AGRICULTURE <b>ECONOMICS</b> CHAPTER-2 SECTORS OF ECONOMY CHAPTER-3 MONEY AND CREDIT
JULY	<b>HISTORY</b> CHAPTER- 3 NATIONALISM IN INDIA <b>GEOGRAPHY</b> CHAPTER-5 MINERAL AND ENERGY RESOURCES (MAP WORK) <b>ECONOMICS</b> CHAPTER-4 GLOBALISATION AND INDIAN ECONOMY
AUGUST	<b>HISTORY</b> CHAPTER -1 RISE OF NATIONALISM IN EUROPE <b>POLITICAL SCIENCE</b> CHAPTER -2 FEDERALISM <b>GEOGRAPHY</b> CHAPTER- 6 MANUFACTURING INDUSTRIES <b>ECONOMICS</b> CHAPTER -5 CONSUMER RIGHTS (PROJECT WORK ONLY)
SEPTEMBER	EXAM
OCTOBER	<b>HISTORY</b> CHAPTER-4 AGE OF INDUSTRIALISATION (P.T ) <b>POLITICAL SCIENCE</b> CHAPTER-6 POLITICAL PARTIES CHAPTER-7 OUTCOMES OF DEMOCRACY
NOVEMBER	<b>GEOGRAPHY</b> CHAPTER -7 LIFELINES OF NATIONAL ECONOMY
DECEMBER	REVISION /PREBOARD
JANUARY	REVISION
LEARNING OUTCOMES	<ul style="list-style-type: none"> <li>• Enable learners to identify and comprehend the development of nationalism along with formation of nation states in Europe in post 1830 period.</li> </ul>

	<ul style="list-style-type: none"> <li>● Recognise the characteristics of Indian nationalism through case study of Non- cooperation Movement and Civil Dis obedience Movement.</li> <li>● Understanding industrialisation and its impact.</li> <li>● Identify resources and the distribution in India comprehend the significance of resources for sustainable development.</li> <li>● Generating awareness about conservation and judicious use of resources.</li> <li>● Analyse the significance of power sharing .</li> <li>● Understanding the federal provisions and institutions.</li> <li>● Analyse party systems in democracies and challenges and evaluating the functioning of democracies in comparison to alternative forms of governments.</li> <li>● Understanding human resource development and development of different sectors of economy.</li> <li>● Understanding money as a medium of exchange and the role of financial institutions.</li> <li>● Familiarizing with the concept of globalization.</li> </ul>
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**SUBJECT- COMPUTER APPLICATIONS**  
**CLASS –X**

APRIL	<p>Internet: orld ide eb, web servers, web clients, web sites, web pages, web browsers, blogs, news groups, HTML, web address, e-mail address, downloading and uploading files from a remote site. Internet protocols: TCP/IP, SMTP, POP3, HTTP, HTTPS. Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP.</p>
MAY	<p>Services available on the internet: information retrieval, locating sites using search engines and finding people on the net; Web services: chat, email, video conferencing, e-Learning, e-Banking, eShopping, e-Reservation, e-Governance, e-Groups, social networking. Mobile technologies: SMS, MMS, 3G, 4G.</p>
JULY	<p>Netiquettes.</p> <ul style="list-style-type: none"> <li>• Software licenses and the open source software movement.</li> <li>• Intellectual property rights, plagiarism and digital property rights.</li> </ul>

	<ul style="list-style-type: none"> <li>Freedom of information and the digital divide.</li> <li>E-commerce: Privacy, fraud, secure data transmission</li> </ul>
AUGUST	<p>. an HTML document, access a web page using a web browser.</p> <ul style="list-style-type: none"> <li>HTML tags: html, head, title, body, (attributes: text, background, bgcolor, link, vlink, alink), br (break), hr(horizontal rule), inserting coents, h1..h6 (heading), p (paragraph), b (bold), i (italics), u (underline), ul (unordered list), ol (ordered list), and li (list ite). Description lists: dl, dt and dd. Attributes of ol (start, type), ul (type).</li> </ul> <p>Introduction to web page designing using HTML: create and save</p> <ul style="list-style-type: none"> <li>Font tags (attributes: face, size, color).</li> </ul>
SEPTEMBER	<ul style="list-style-type: none"> <li>Insert images: img (attributes: src, width, height, alt), sup (super script), sub (subscript).</li> </ul> <p>HTML Forms: Textbox, radio buttons, checkbox, password, list, combobox.</p> <ul style="list-style-type: none"> <li>Embed audio and video in a HTML page.</li> <li>Create a table using the tags: table, tr, th, td, rowspan, colspan</li> <li>Links: significance of linking, anchor element (attributes: href, mailto), targets.</li> </ul>
OCTOBER	<p>Cascading style sheets: colour, background-colour, border-style, margin, height, width, outline, font (family, style, size), align, float.</p>
NOVEMBER	<b>Project work</b> –designing web pages with the help of html and css.
DECEMBER	REVISION
JANUARY	REVISION
FEBRUARY	REVISION
MARCH	EXAMS

Students will be able to know the advantages and disadvantages of internet. They will be aware of the etiquettes of using internet.

By learning HTML and CSS they will be able to design webpages and static websites.

## PHYSICAL EDUCATION



## CLASS- X

MONTH	CHAPTER/TOPIC
APRIL	Fit India breaks jumping jacks, warm up exercises Game. Cricket fealding skills Yoga.Padamasana,vajrasana
MAY	Fitness mantra in few minutes by doing exercises, basic exercises Cricket . batting a skill Yoga. Dhyanmudra, tadasana
JUNE	Fun at home games
JULY	Volleyball skills Yoga. Posture Soryamaskar
AUGUST	Strength exercises like push ups, sit ups, etc, Yoga. Bhastrika pranayam Game. Kabaddi skills
SEPTEMBER	Partial Curl ups, talk about health, Yoga. Anlom vilom pranayam Cricket skills
OCTOBER	Modified push ups, moral values, Khelo India. Sit and reach test Yoga.gaumukhasana.dhanurasana,kapal bhati Game. Kanaddi skill
NOVEMBER	Simple Push ups, road safety measures, Yoga. triconeasana. Cricket. Skills test
DECEMBER	Squats, talk about personal hygiene, what is first aid Yoga. Garudasana
JANUARY	Strength. 50mt dash skills test, Yoga. Chakrasana, setkari pranayam Game. Cricket, Volleyball, Kanaddi skills test
FEBRUARY	600 run walk test Yoga. Nauli kriya, Dhoti kriya
MARCH	Annual exam

### Learning Outcomes:

1. These exercises keep their body fit and active.
2. It also helps them to keep themselves calm and composed.
3. Hobby class will be starting soon after the school reopens.

## SUBJECT- DANCE AND MUSIC

### Class X

**MONTH**

**CHAPTER/ TOPIC**

APRIL	knowledge of dance types of dance. (Theory)
MAY	about music Sargam , alankaar
JUNE	holiday
JULY	patriotic dance any one and one song
AUGUST	Taal Kaharva
SEPTEMBER	Hand gestures with their meanings
OCTOBER	Knowledge of rhythm
NOVEMBER	Taal dadra.kaharva.teentaal
DECEMBER	anyone folk dance from Maharashtra
JANUARY	Patriotic Song
FEBRUARY	Revision
MARCH	final exam

### Learning outcomes

1)Children will know the basic knowledge of dance and different types of folk dances of India.

